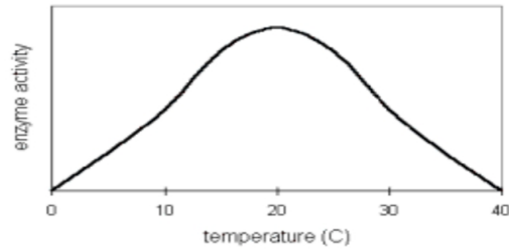


Name: _____ Date: _____ Hr: _____

Enzyme Activity Worksheet

Part 1: Temperature and Enzyme Activity

Use the graph below to answer questions 1-3.



1. At what temperature does this enzyme work the fastest?
2. Why does enzyme activity increase on the left side of the graph?
3. Why does enzyme activity decrease on the right side of the graph?
4. Humans share several enzymes with thermophilic bacteria. What does the graph below suggest about the conditions under which these thermophiles live?

